

**IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE**

Patent Application

Inventors: John Graeme Houston et al.

Serial No.: 10/516875

Conf. No.: 6164

Filing Date: 08-04-2005

Art Unit: 3763

Examiner: Pritesh Patel

Docket No.: 9931-006US

Title: Method of Determining the Helix Angle of a Helical Formation for a Conduit

Certificate of Corrections Branch

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

Transmittal of Issued Patent Certificate of Correction

The PCT 371 Date of Completion is incorrect on the Issued Patent. The information on the Issued Patent is "Aug. 9, 2005" and it should be "Aug. 4, 2005". We respectfully request that the office update their records and correct of the first page of the Issued Patent. Enclosed are the following papers related to the above-identified patent:

- 1) Copy of Request for Correction of Filing Receipt and Notice of Acceptance of Application submitted to the USPTO on 3/10/2006 – 5 pages
- 2) Copy of the USPTO Granted Decision dated 03-16-2006 – 2 pages
- 3) Copy of corrected Notice of Acceptance – 2 pages
- 4) Copy of Certificate of Correction – 1 Page

Pursuant to 37 CFR 1.136(a)(3), please treat this and any concurrent or future reply in this application that requires a petition for an extension of time for its timely submission as incorporating a petition for extension of time for the appropriate length of time.

Respectfully,

John Graeme Houston et al.

By /Kenneth Ottesen/

100 Commons Way, Ste. 250

Reg. No. 54353

732-578-0103 x222

DeMont & Breyer, L.L.C.

100 Commons Way, Ste. 250

Holmdel, NJ 07733

**IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE**

Patent Application**Atty's Docket:** 9931-006US**U.S. Appl'n No.:** 10/516875**Int'l Appl'n No.:** PCT/GB02/05646**Int'l Filing Date:** 13 Dec 2002**Priority Date:** 5 June 2002**Applicant(s) for DO/EO/US:**

John Graeme HOUSTON
Robert Gordon HOOD
Peter Arno STONEBRIDGE
Allan THOMSON

"Express Mail" mailing label number **EV395209948US**;
Date of Deposit: **March 10, 2006**.

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" on the date indicated above and is addressed to "Mail Stop PCT, Attention PCT Legal, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450". Person signing certificate: **Liliana Hayes**

Signature: _____



Title of Invention: Method of Determining the Helix Angle of a Helical Formation for a Conduit

Mail Stop PCT**Attention:** PCT Legal**Commissioner for Patents****PO Box 1450****Alexandria, VA 22313-1450**

Dear Sir:

RECEIVED

15 MAR 2006

Legal Staff
International Division

Request for Correction of Filing Receipt and Notice of Acceptance of Application.
In Accordance with 37 CFR 1.181

Enclosed are the following papers related to the above-identified patent application:

1. Transmission Letter with Express Mail Certificate - 2 pages (1x)
2. Copy of *Filing Receipt* (first page only) - 1 page (1x)
3. Copy of *Notice of Acceptance of Application Under 35 U.S.C. 371 and 37 CFR 1.495* (first page only) - 1 page (1x)
4. Copy of Return Postcard with stamped date indicated - 1 page (1x)

Please note that on the *Filing Receipt*, the "371(c) date" shown as August 9, 2005 is incorrect. Also, please note that on the *Notice of Acceptance of Application*, the date of August 9, 2005 that appears for the following fields is also incorrect:

- a) "Date of Receipt of 35 U.S.C. 371 [...] Requirements,"
- b) "Date of Completion of All 35 U.S.C. 371 Requirements,"
- c) "Oath or Declaration filed on," and
- d) "Power of Attorney filed on."


The date of August 9, 2005 is incorrect because the USPTO had stamped the date of August 4, 2005 on our return postcard, a copy of which is enclosed. In other words, August 4, 2005 is the date on which the Applicants met the remaining 35 USC 371 requirements (of filing a Declaration and Power of Attorney) and, therefore, is the date that should appear on the two documents identified above.

Please correct the 371(c) date on the *Filing Receipt* and the dates (for the four fields listed above) on the *Notice of Acceptance of Application to August 4, 2005* (i.e., the date that was stamped by the USPTO on the return postcard).

Pursuant to 37 CFR 1.136(a)(3), please treat this and any concurrent or future reply in this application that requires a petition for an extension of time for its timely submission as incorporating a petition for extension of time for the appropriate length of time.

Respectfully,
DeMont & Breyer, LLC

By _____
~~Wayne S. Breyer~~
Reg. No. 38089
Attorney for Applicants
732-578-0103 x12 x22


KENNETH OTTESEN
54,353

Date 3/10/06



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
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 Alexandria, Virginia 22313-1450
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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/516,875	08/09/2005	3763	558	9931-006US	1	22	3

22897
 DEMONT & BREYER, LLC
 SUITE 250
 100 COMMONS WAY
 HOLMDEL, NJ 07733

Should
 be 08/04/2005

CONFIRMATION NO. 6164

CORRECTED FILING RECEIPT



OC00000017644161

Date Mailed: 12/13/2005

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

John Graeme Houston, Central Scotland, UNITED KINGDOM;
 Robert Gordon Hood, Longforgan, UNITED KINGDOM;
 Peter Arno Stonebridge, Tayside, UNITED KINGDOM;
 Allan Thomson, Strathclyde, UNITED KINGDOM;

Assignment For Published Patent Application

Tayside Flow Technologies Limited, Tayside, UNITED KINGDOM

Power of Attorney: The patent practitioners associated with Customer Number 22897.

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/GB02/05646 12/13/2002

Foreign Applications

UNITED KINGDOM GB02/02580 06/05/2002

If Required, Foreign Filing License Granted: 12/13/2005

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/516,875**

Projected Publication Date: 03/02/2006



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1459
 Alexandria, Virginia 22313-1450
 www.uspto.gov

U.S. APPLICATION NUMBER NO. 10/516,875	FIRST NAMED APPLICANT John Graeme Houston	ATTY. DOCKET NO. 9931-006US
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INTERNATIONAL APPLICATION NO.

PCT/GB02/05646

I.A. FILING DATE 12/13/2002	PRIORITY DATE 06/05/2002
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22897
 DEMONT & BREYER, LLC
 SUITE 250
 100 COMMONS WAY
 HOLMDEL, NJ 07733

CONFIRMATION NO. 6164

371 ACCEPTANCE LETTER



OC000000017326237

Date Mailed: 10/27/2005

NOTICE OF ACCEPTANCE OF APPLICATION UNDER 35 U.S.C 371 AND 37 CFR 1.495

The applicant is hereby advised that the United States Patent and Trademark Office in its capacity as a Designated / Elected Office (37 CFR 1.495), has determined that the above identified international application has met the requirements of 35 U.S.C. 371, and is ACCEPTED for national patentability examination in the United States Patent and Trademark Office.

The United States Application Number assigned to the application is shown above and the relevant dates are:

<div style="border: 1px solid black; border-radius: 50%; padding: 2px; display: inline-block;">08/09/2005</div> DATE OF RECEIPT OF 35 U.S.C. 371(c)(1), (c)(2) and (c)(4) REQUIREMENTS	<div style="border: 1px solid black; border-radius: 50%; padding: 2px; display: inline-block;">08/09/2005</div> DATE OF COMPLETION OF ALL 35 U.S.C. 371 REQUIREMENTS
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A Filing Receipt (PTO-103X) will be issued for the present application in due course. **THE DATE APPEARING ON THE FILING RECEIPT AS THE " FILING DATE" IS THE DATE ON WHICH THE LAST OF THE 35 U.S.C. 371 (c)(1), (c)(2) and (c)(4) REQUIREMENTS HAS BEEN RECEIVED IN THE OFFICE. THIS DATE IS SHOWN ABOVE.** The filing date of the above identified application is the international filing date of the international application (Article 11(3) and 35 U.S.C. 363). Once the Filing Receipt has been received, send all correspondence to the Group Art Unit designated thereon.

The following items have been received:

- Indication of Small Entity Status
- Copy of the International Application filed on 12/03/2004
- Copy of the International Search Report filed on 12/03/2004
- Preliminary Amendments filed on 12/03/2004
- Information Disclosure Statements filed on 12/03/2004
- Oath or Declaration filed on 08/09/2005
- U.S. Basic National Fees filed on 12/03/2004
- Priority Documents filed on 12/03/2004
- Power of Attorney filed on 08/09/2005

Should be
 08/04/2005

Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

JC04 Rec'd PCT/PTO 74 AUG 2005

Serial Number: 10/516875

Docket: 9931-006US

Title: A Method of Determining the Helix Angle of a Helical Formation for a Conduit

Stamp of the U.S. Patent and Trademark Office acknowledging receipt is requested.

1. Transmittal Letter with Certificate of Mailing - 2 Pages (1x)
2. Copy of Notice to File Missing Parts - 2 Pages (1x)
3. Executed Declaration and Power of Attorney - 2 Pages (1x)
4. Credit Card Payment Form PTO-2038 - 1 Page (1x)

Mailed on 2 August 2005.



16 MAR 2006



UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

22897
DEMONT & BREYER, LLC
Suite 250
100 Commons Way
Holmdel, NJ 07733

In re Application of :
HOUSTON *et al* :
Application No.: 10/516,875 :
PCT No.: PCT/GB02/05646 :
Int. Filing Date: 13 December 2002 :
Priority Date: 05 June 2002 :
Attorney Docket No.: 9931-006US :
For: A METHOD FOR DETERMINING THE :
HELIX ANGLE OF A HELICAL :
FORMATION FOR A CONDUIT :

DECISION

This decision is in response to applicants' "Request for Correction of Filing Receipt and Notice of Acceptance of Application in Accordance with 37 CFR 1.181" filed on 10 March 2006 which is hereby **GRANTED** as follows:

A review of the subject application shows that the declaration was stamped as received by the USPTO on 09 August 2005. Thus, the Notification of Acceptance of Application Under 35 U.S.C. 371 and 1.495 (Form PCT/DO/EO/903) and filing receipt indicate that the 371 date was 09 August 2005.

In the petition, applicants claim that the declaration was filed on 04 August 2005. A postcard receipt which itemizes and properly identifies the papers which are being filed serves as *prima facie* evidence of receipt in the USPTO of all the items listed thereon on the date stamped thereon by the USPTO. See § 503 MPEP.

Applicants have provided a copy of the date-stamped postcard receipt for documents submitted 04 August 2005. The application number, title and docket number are listed on the postcard receipt. The postcard receipt indicates that among the documents received in the USPTO included an "Executed Declaration and Power of Attorney." The postcard receipt is stamped as received by the USPTO on 04 August 2005.


In addition, the transmittal letter accompanying the declaration is located in the file. The transmittal letter is stamped as received on 04 August 2005. Moreover, the \$65.00 surcharge fee was also charged on 04 August 2005.

Accordingly, applicants have provided *prima facie* evidence that the declaration was received by the USPTO on 04 August 2005, not 09 August 2005.

For the reasons discussed above, the Form PCT/DO/EO/903 mailed 27 October 2005 and Filing Receipt mailed 13 December 2005 are both **VACATED**.

This application is being forwarded to the DO/EO/US to mail a corrected Form PCT/DO/EO/903 indicating a date of receipt of 35 U.S.C. 371(c)(1), (c)(2), and (c)(4) and date of receipt of all 35 U.S.C. 371 requirements of **04 August 2005**, then mailing a corrected filing receipt indicating the same.

The application will then be forwarded to Technology Center 3700 for further processing.

A handwritten signature in black ink that reads "James Thomson". The signature is written in a cursive style with a large initial "J".

James Thomson
Attorney Advisor
Office of PCT Legal Administration

Tel.: (571) 272-3302



UNITED STATES PATENT AND TRADEMARK OFFICE

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U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/516,875	John Graeme Houston	9931-006US

INTERNATIONAL APPLICATION NO.

PCT/GB02/05646

I.A. FILING DATE	PRIORITY DATE
12/13/2002	06/05/2002

CONFIRMATION NO. 6164
371 ACCEPTANCE LETTER



22897
DEMONT & BREYER, LLC
SUITE 250
100 COMMONS WAY
HOLMDEL, NJ 07733

Date Mailed: 03/20/2006

NOTICE OF ACCEPTANCE OF APPLICATION UNDER 35 U.S.C 371 AND 37 CFR 1.495

The applicant is hereby advised that the United States Patent and Trademark Office in its capacity as a Designated / Elected Office (37 CFR 1.495), has determined that the above identified international application has met the requirements of 35 U.S.C. 371, and is ACCEPTED for national patentability examination in the United States Patent and Trademark Office.

The United States Application Number assigned to the application is shown above and the relevant dates are:

<u>08/04/2005</u>	<u>08/04/2005</u>
DATE OF RECEIPT OF 35 U.S.C. 371(c)(1), (c)(2) and (c)(4) REQUIREMENTS	DATE OF COMPLETION OF ALL 35 U.S.C. 371 REQUIREMENTS

A Filing Receipt (PTO-103X) will be issued for the present application in due course. **THE DATE APPEARING ON THE FILING RECEIPT AS THE " FILING DATE" IS THE DATE ON WHICH THE LAST OF THE 35 U.S.C. 371 (c)(1), (c)(2) and (c)(4) REQUIREMENTS HAS BEEN RECEIVED IN THE OFFICE. THIS DATE IS SHOWN ABOVE.** The filing date of the above identified application is the international filing date of the international application (Article 11(3) and 35 U.S.C. 363). Once the Filing Receipt has been received, send all correspondence to the Group Art Unit designated thereon.

The following items have been received:

- Indication of Small Entity Status
- Copy of the International Application filed on 12/03/2004
- Copy of the International Search Report filed on 12/03/2004
- Preliminary Amendments filed on 12/03/2004
- Information Disclosure Statements filed on 12/03/2004
- Oath or Declaration filed on 08/04/2005
- U.S. Basic National Fees filed on 12/03/2004
- Priority Documents filed on 12/03/2004
- Power of Attorney filed on 08/04/2005

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

DONNA S GREENE

Telephone: (703) 308-9140 EXT 222

PART 3 - OFFICE COPY

FORM PCT/DO/EO/903 (371 Acceptance Notice)

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.
(Also Form PTO-1050)

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 1

PATENT NO. : 7721767
APPLICATION NO. : 10/516875
ISSUE DATE : 05/25/2010
INVENTOR(S) : Houston, et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

(86) PCT No.: **PCT/GB02/05646**

§ 371 (c)(1),
(2), (4) Date: **Aug. 4, 2005**

MAILING ADDRESS OF SENDER (Please do not use customer number below):

DeMont & Breyer LLC
100 Commons Way, Suite 250
Holmdel, New Jersey 07733

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.